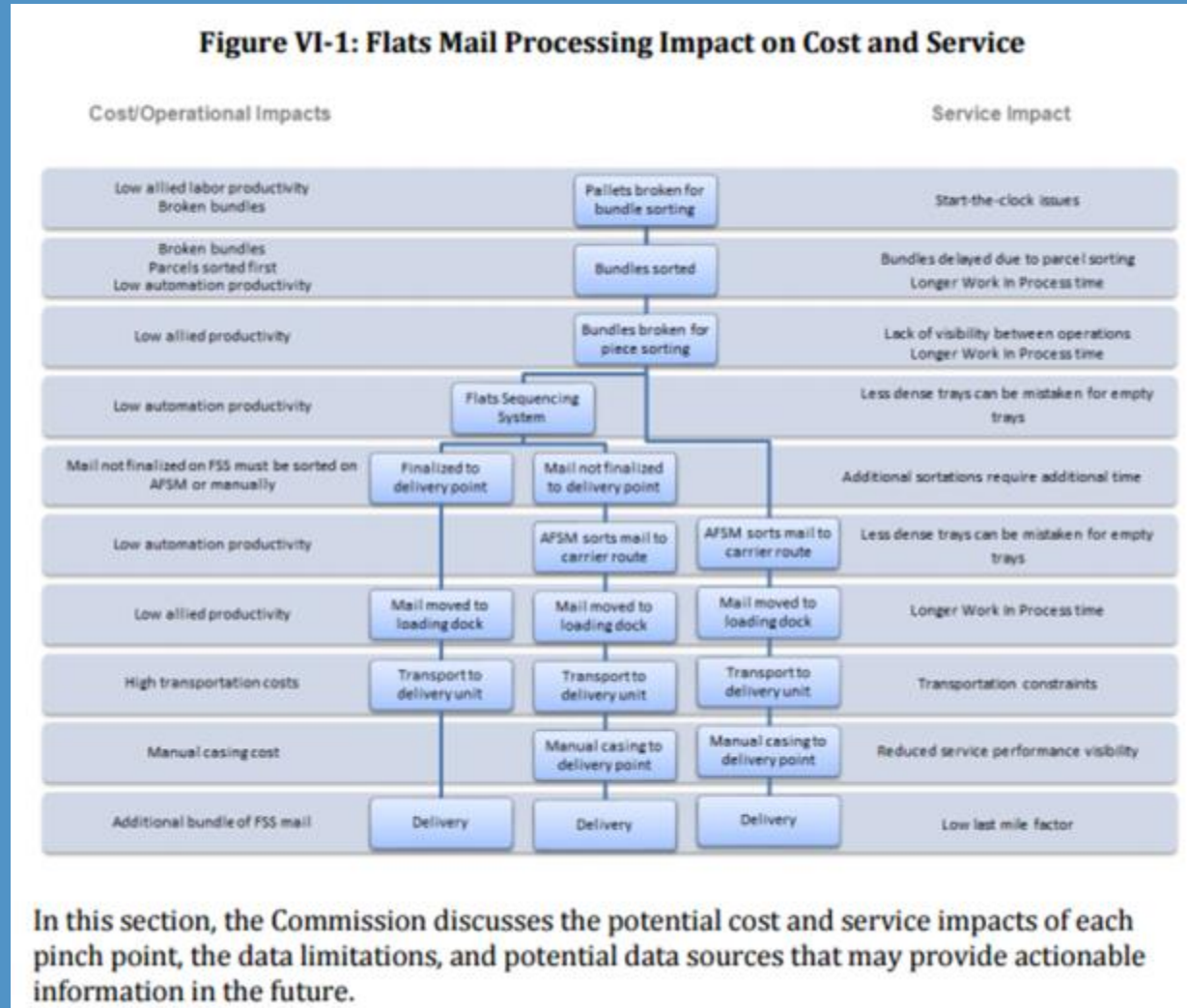




USPS TECHNICAL CONFERENCE PRESENTATION OCTOBER 21, 2016

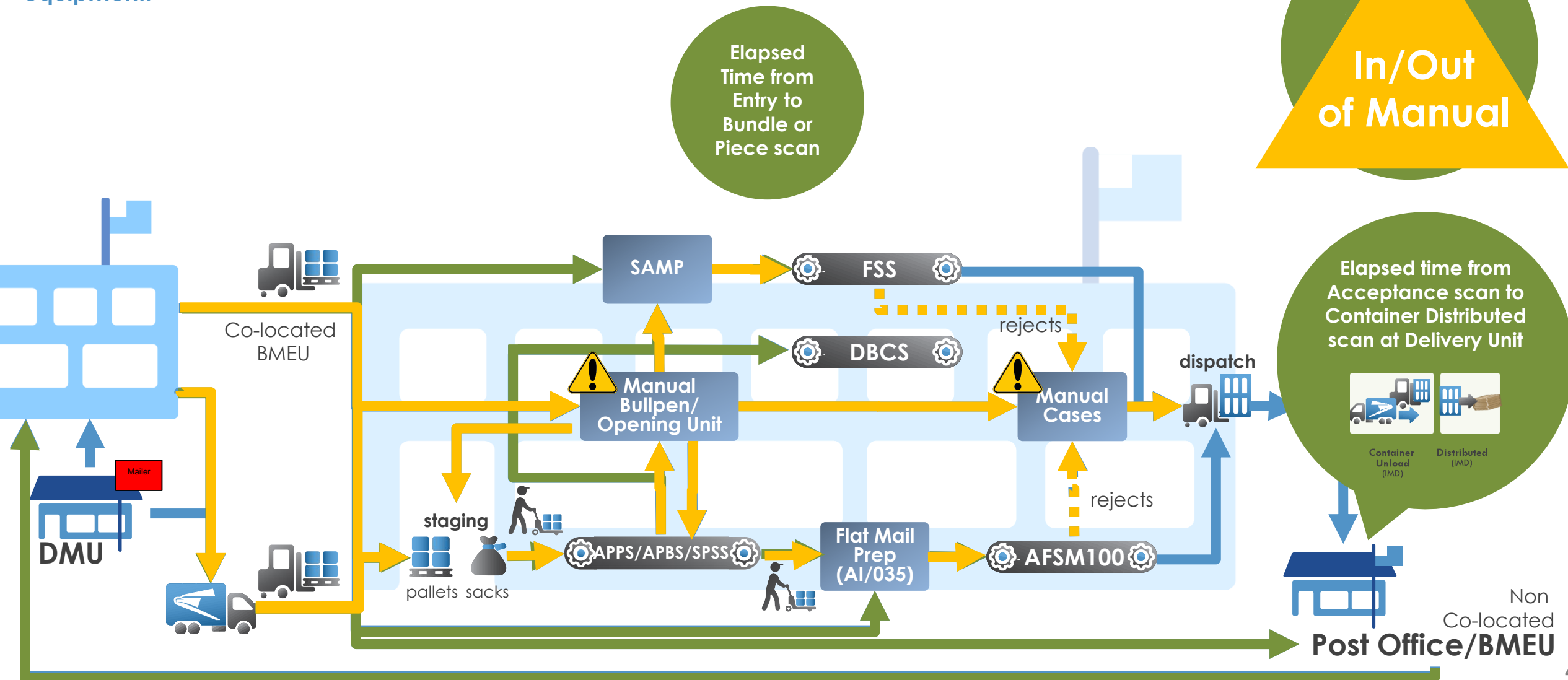
Figure VI-1: Flats Mail Processing Impact on Cost and Service



**Source: PRC ACD Report FY2015 -- page 166*

1. **Bundle Processing**
2. **Low Productivity on Automated Equipment**
3. **Manual Sorting**
4. **Productivity and Service Issues in Allied Operations**
5. **Increased Transportation and Cost**
6. **Last Mile / Delivery**

Current Service Performance Diagnostics measure cycle times, of bundles, observed through scanning and USPS automation equipment.

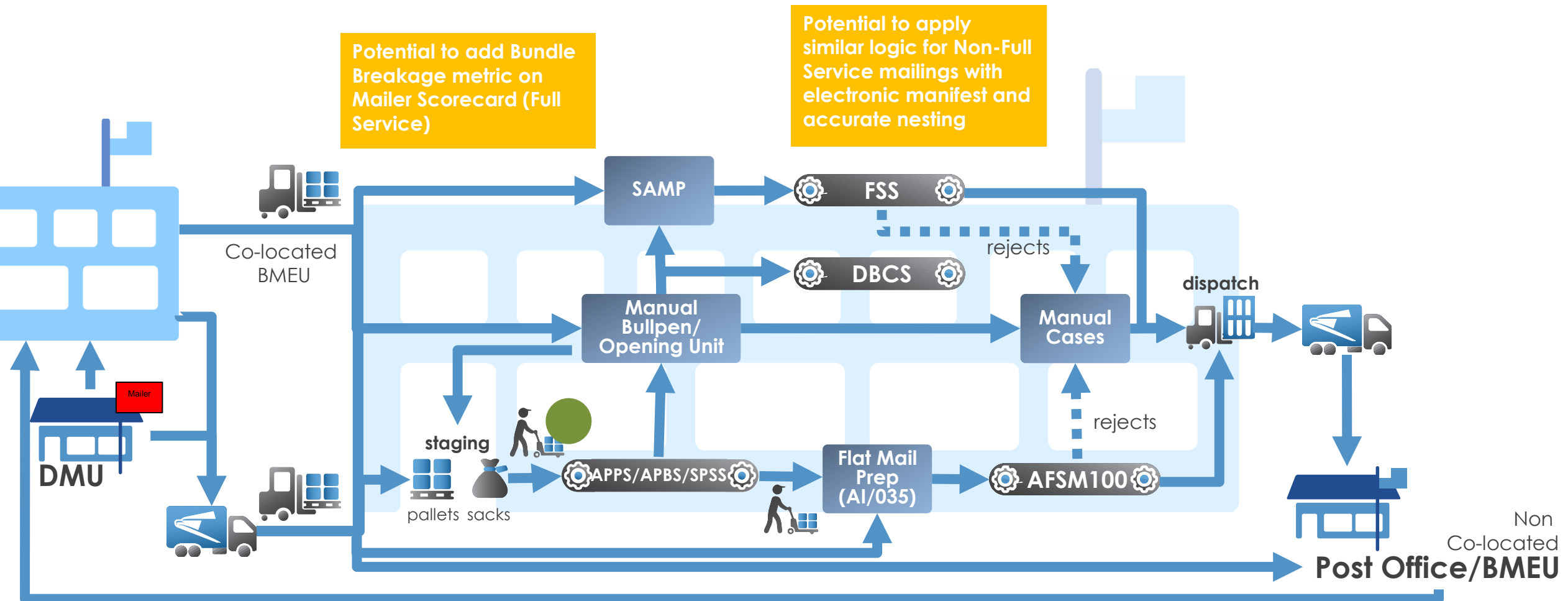


Data currently provides insights into the percentage of bundle breakage by class, entry location, and mailer.

Logic: A bundle is deemed broken if multiple pieces from a single eDoc bundle are scanned on APPS/APBS

Currently available, only for Full-Service mailers, providing associated tray and bundle IDs through eDoc.

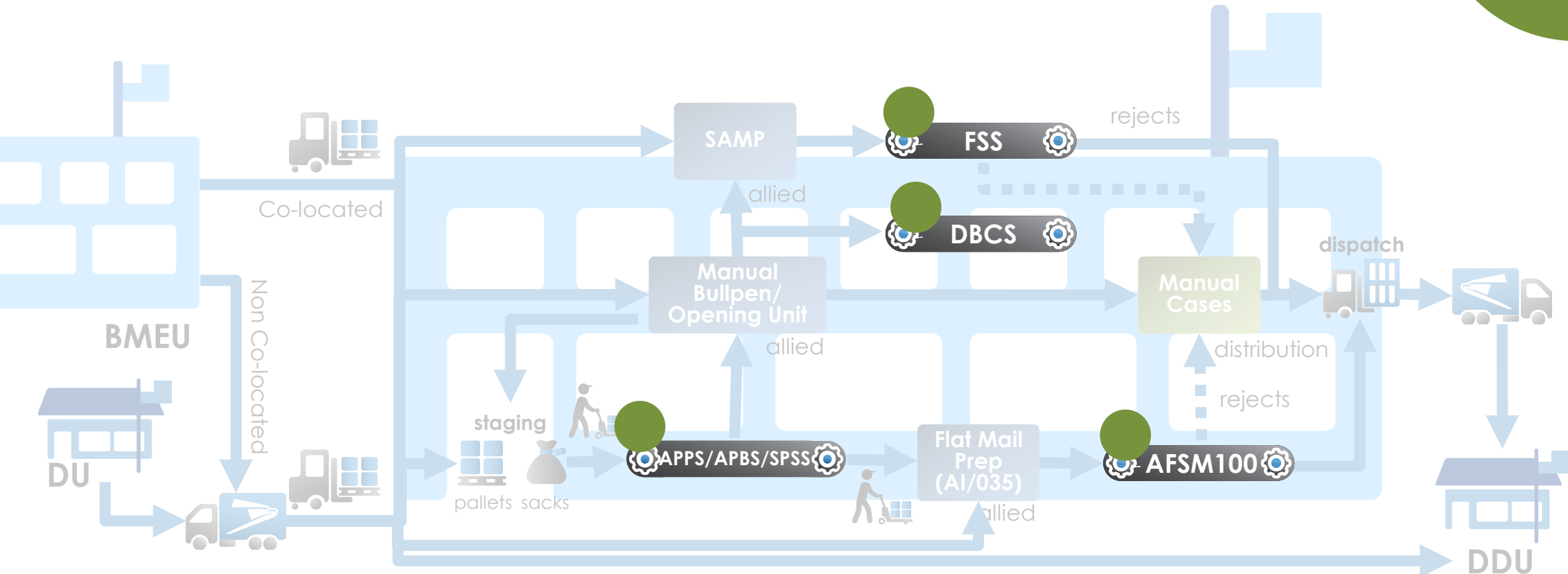
In September 2016, 61% of all flats entered were full service



2. Low Productivity on Automated Equipment

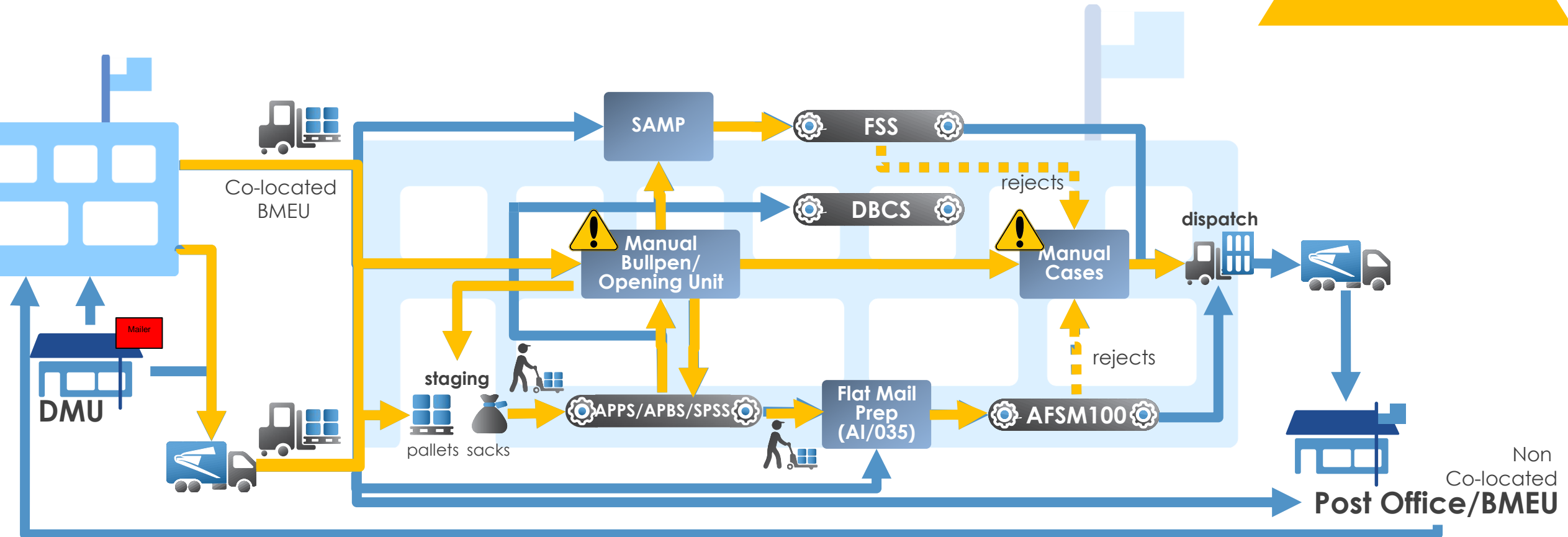
Can produce a metric based on weighted median throughput and work hours leveraging End-of-Run and Management Operating Data System (MODS)

Measured
throughput
against
work hours



Potential metric using total manual volume and total work hours spent to determine productivity.

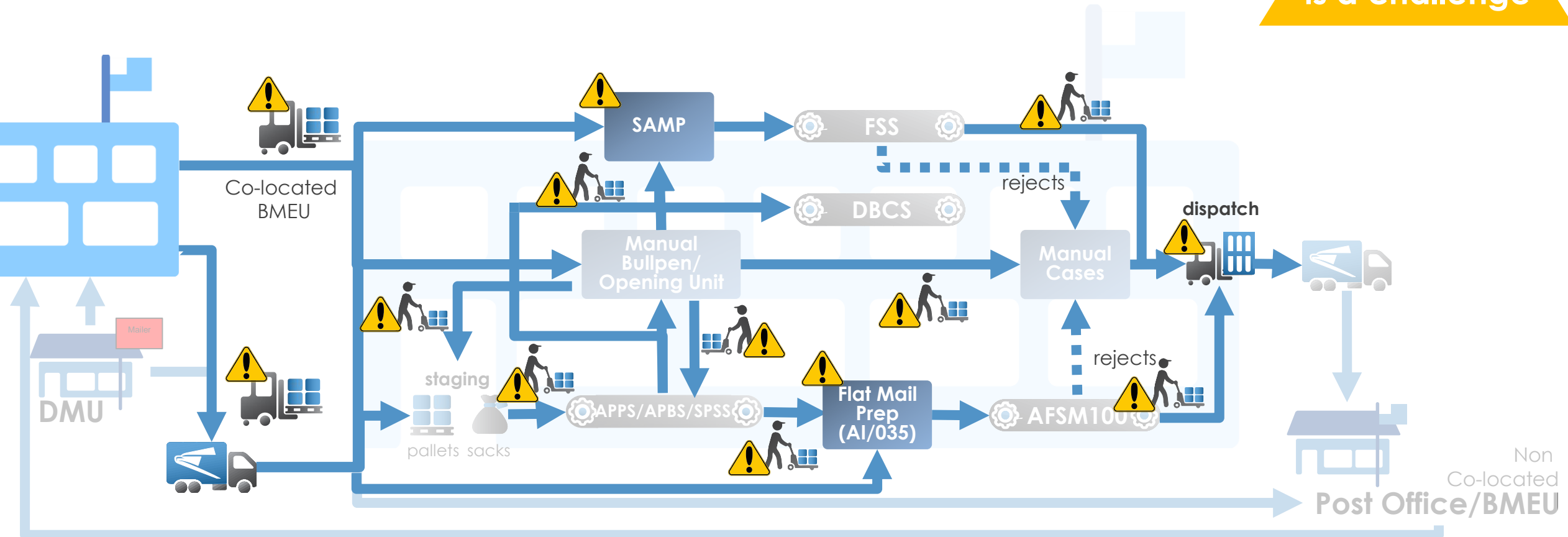
In/Out
of Manual



4. Productivity and Service in Allied Operations

- ⚠ Can measure total volume processed.
- ⚠ Can measure and record total work hours spent on allied operations.
- ⚠ No clear line-of-sight in allied operation to specific products.

**Allied
operations
is a challenge**

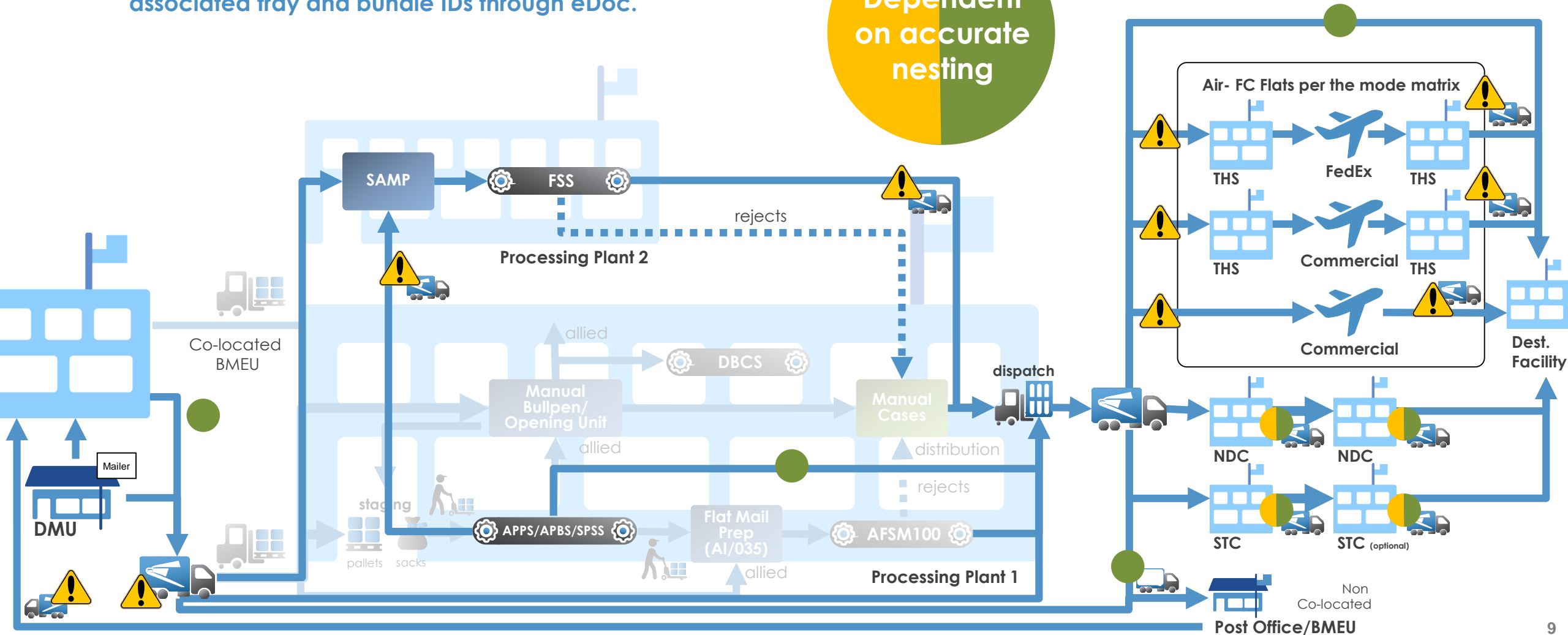


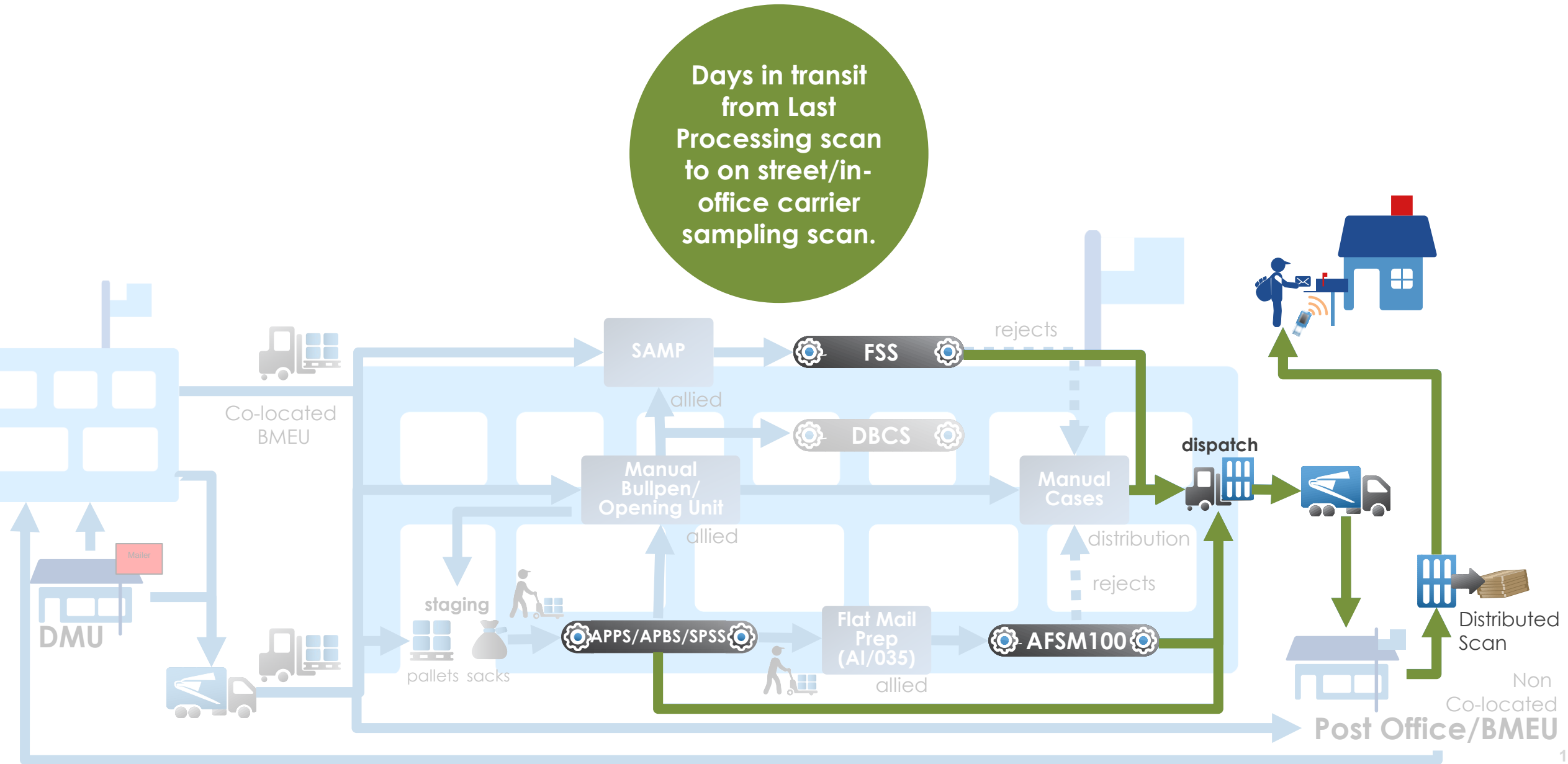
5. Increased Transportation Time and Cost

● ● Can measure cycle times of bundles, nested to containers, observed through scanning.

Currently available, only for Full-Service mailers, providing associated tray and bundle IDs through eDoc.

Dependent
on accurate
nesting





Legacy Measurement Through Third Party

FY16 Q4 Measured Flats	Last Mile Flat Samples
EXFC Flats	28,996
Presort FCM Flats	6,560
Standard/BPM flats	226,096
Periodicals Flats	95,789
Total	357,441

Proposed Internal SPM

FY16 Q4 Measured Flats	Last Mile Flat Samples
Single Piece First-Class	166,231
Presort First-Class	75,396
Standard/BPM Flats	2,011,271
Periodicals	655,459
Total	2,908,357



Questions